

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	13	(GUSTAVSSON near MATS).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 09:58
S2	344	(A2 ACOUSTICS).as.	US-PGPUB; USPAT	OR	ON	2006/06/09 11:48
S3	28	S2 and actuat\$3	US-PGPUB; USPAT	OR	ON	2006/06/09 11:47
S4	2	(A2 adj ACOUSTICS).as.	US-PGPUB; USPAT	OR	ON	2006/06/09 11:50
S5	0	381/152,86,389	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 11:51
S6	1585	381/152 381/86 381/389	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 15:13
S7	1384	S6 and (@ad<="20020418" @prad<="20020418" @rlad<="20020418")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 07:53
S8	1996	membrane and exchang\$3 and actuat\$3 and (sound acoustic)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/09 14:45
S9	1455	S8 and movement	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/09 14:45
S10	1146	S9 and (@ad<="20020418" @prad<="20020418" @rlad<="20020418")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/19 15:09
S11	629	S10 and link	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/09 14:51
S12	512	S11 and (rod cylinder shaft)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/09 14:52
S13	226	S11 and (rod cylinder shaft) and piezoelectric	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/06/09 14:52

## EAST Search History

S14	2204	(381/182 181/157 381/337 181/171 181/161)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 15:13
S15	1761	S14 and (@ad<="20020418" @prad<="20020418" @rlad<="20020418")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 15:14
S23	856	(181/171 181/161 181/32).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/15 09:05
S24	836	S23 and (@ad<="20020418" @pd<="20020418" @prad<="20020418" @rlad<="20020418")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 09:06
S25	295061	(exciter (voice adj coil) activate\$3 actuat\$3) and reciproca\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/19 14:16
S26	95570	S25 and (exchanging Recess\$3 counteracting)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/19 14:17
S27	7808	S26 and (((Flexible vibrati\$2 resonant) adj (plate panel)) (sound adj radiator) diaphragm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/19 14:17
S28	10222	S26 and (((Flexible vibrati\$2 resonant) adj (plate panel)) (sound adj radiator) diaphragm membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/19 14:18
S29	9717	S28 and (strip piece part)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/19 14:20
S30	1341	S29 and (acoustic sound)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/19 14:20

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S31	1038	S30 and (@ad<="20020418" @prad<="20020418" @rlad<="20020418")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/19 14:22
S32	668	S31 and perpendicular\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/19 15:02
S33	646	S32 and (attached hold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/19 14:25
S34	600	S33 and (frame edge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/19 14:40
S35	320	S34 and (not situ)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/19 14:50
S36	33201	piezoelectric and perpendicular\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/19 15:03
S37	4581	S36 and (membrane plate) and strip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/19 15:04
S39	6120	S36 and sound	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/19 15:07
S40	1355	S39 and (exchanging Recess\$3 counteracting)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/19 15:07
S41	1066	S40 and (@ad<="20020418" @prad<="20020418" @rlad<="20020418")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/19 16:50

## EAST Search History

S42	1	paralell same rod same link same joint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 07:43
S43	28764	parallel same (rod cylinder) same (link arm) same (joint pivot) same (strip link)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 07:52
S44	385	parallel same rod same link same joint same strip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 07:53
S45	21	S44 and (@ad<="20020418" @prad<="20020418" @rlad<="20020418")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 07:56
S46	385	S44 and (@ad<="20020418" @pd<="20020418" @prad<="20020418" @rlad<="20020418")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 09:01
S47	2733	S43 same (arrow quiver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 09:02
S48	2729	S47 and (@ad<="20020418" @pd<="20020418" @prad<="20020418" @rlad<="20020418")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 09:02
S49	66	S47 and sound	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 09:02
S50	66	S49 and (@ad<="20020418" @pd<="20020418" @prad<="20020418" @rlad<="20020418")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 09:03
S51	72	S47 and (sound acoustic speaker loudspeaker)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 09:02

## EAST Search History

S52	72	S51 and (@ad<="20020418" @pd<="20020418" @prad<="20020418" @rlad<="20020418")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 09:03
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